	-Log Likelihood	L-R ChiSquare	df	*p*
Difference	31.97	63.94	7	< 0.001
Full	60.13			
Reduced	92.10			
Mutualism		58.57	1	< 0.0001
Population		9.34	6	= 0.155

Table S2. Mutualism reconstitution GLM table. Mutualism treatment effect (M+ vs M-) on bacterial recolonization and nematode emergence. Experimentally evolved bacterial populations were reintroduced to nematode populations. Successful association required the bacteria and nematode to reform their mutualistic interaction within *G. mellonella* and the emergence of IJ's. Nematode emergence was treated as binomial data for each infected host (emergence or no emergence).